

ABSTRACT

To provide a wire rod forming machine for which it is possible to increase the production speed above that of the prior art. In the ring-forming machine 10 of the present configuration, between the respective edges 42 and 51 of the moving die 40 and the fixed punch 50, a prescribed location of the belt-shaped wire rod 90 is sheared and the ring 91 is cut off from the belt-shaped wire rod 90. Then, by pushing the ring 91 that was cut off with the moving die 40, the ring is forcibly removed from the forming tools 31, 32 and 33. Therefore, the speed of removal of the ring 91 can be coupled to the acceleration of the manufacturing speed and increased, allowing the production speed to be improved compared to that of the prior art. In addition, since the ring 91 that is cut off from the belt-shaped wire rod 90, pushed by the moving die 40, moves to the end side of the shaft shaped chute 34 to be collected, transport to the next process becomes easy.